

Position Description (PD) for Yucca Mountain Lead Lab Activities

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| Position Description Number | YM013 | |
| Creation Date of PD | 07/05/2006 | |
| Job Title | Chemist | |
| SNL Dept Name | Performance Assessment – NFE | |
| SNL Org Number (or TBD) | 0685x | |
| Number of Openings | 2 | |
| Description of Position | <p><u>Chemist</u></p> <p>This position supports post-closure scientific analyses related to the near-field environment. This position is located in Las Vegas. Specific responsibilities include:</p> <ul style="list-style-type: none"> • Analysis of the evolution of post-closure chemical conditions within the repository drifts and in the near-field host rock. • Analysis of the effects of the post-closure chemical conditions on in-drift engineered components. • Documentation of analysis results in a timely fashion and in accordance with QA procedures. | |
| Required Skills & Experience | <p><u>Required Skills</u></p> <ul style="list-style-type: none"> • Working knowledge of YMP program • Good oral and written communication skills • Ability to work as part of technical team in a dynamic and challenging environment • Ability to meet strict schedule deadlines. <p><u>Required Experience</u></p> <ul style="list-style-type: none"> • Demonstrated knowledge of YMP QA procedures • Demonstrated experience in meeting YMP reporting deadlines. • Experience (>2 years) in advanced geochemical and/or waste form degradation modeling and analyses. | |
| Desired Skills & Experience (if applicable) | | |
| Required Education (Degrees & Levels) | BS in engineering, mathematics, physical or geological sciences is required. | |
| Desired Education (Degrees & Levels - if applicable) | An advanced degree in engineering, mathematics, physical or geological sciences is highly desirable. | |
| Full Time Position? (Y/N) | Y | |
| Job Requires lifting 35+ Pounds (Y/N) | N | |
| Desired Start Date | 10/1/06 | |
| Can this position accommodate... | | |
| Part Time Employees? (Y/N) | Telecommuting? (Y/N) | Foreign Nationals? (Y/N) |
| N | N | Y |

Please Select All Related WBS Elements for this PD
(required for distributing PDs to contract providers for sourcing)

| WBS Elements of 1.5.03 | | |
|------------------------|--|---|
| 1.5.03.06 | Waste Form Degradation – Post Closure Safety | X |
| 1.5.03.07 | Engineered Barriers System Performance – Post Closure Safety | X |

Sand #: 2006-4508W